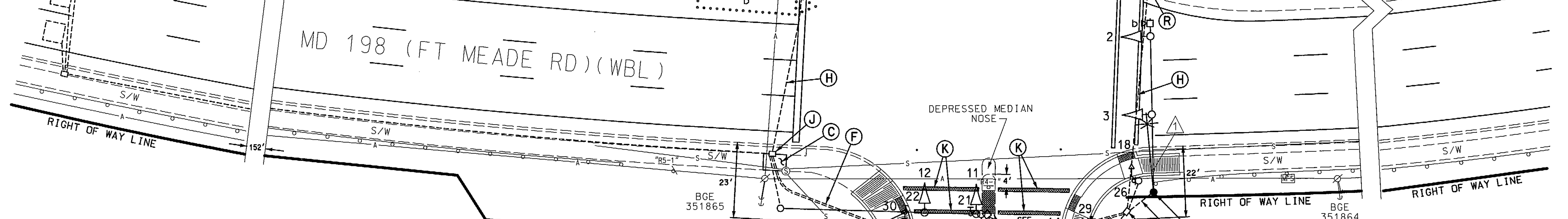

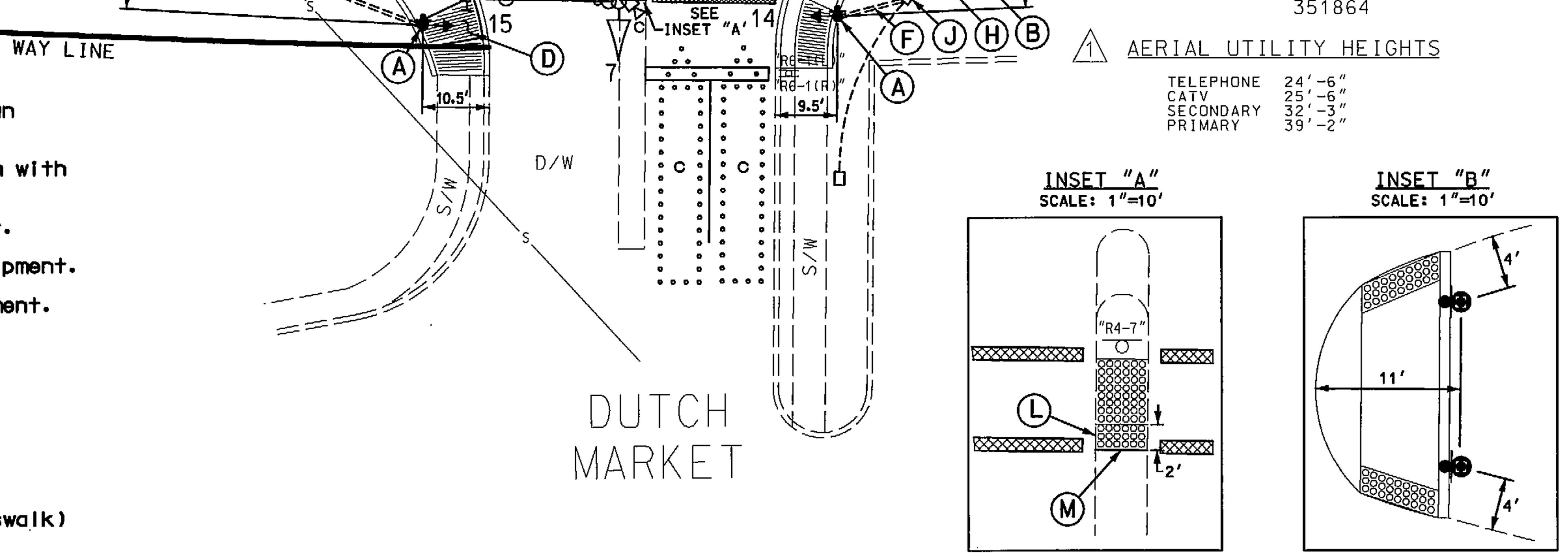

CONSTRUCTION DETAILS

A. Install 10' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), Countdown pedestrian signal head, and audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 6' pole extension on existing mast arm pole (Std. MD 818.02.01) and 20' lighting arm with a 150W LED luminaire.

C. Remove existing sidewalk section and reinstall after the installation of the signal equipment.

D. Remove existing sidewalk ramp section and reinstall after the installation of the signal equipment.

E. Utilize existing NEMA size "6" base-mounted cabinet and controller with all necessary equipment. Locate existing 2" bend in cabinet base and attach proposed 2" PVC conduit for service.

F. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Use existing conduit.

J. Use existing handole.

K. Install 12 IN. white, heat applied permanent preformed thermoplastic pavement marking. (crosswalk)

L. Install concrete sidewalk extension in the median as shown in Inset "A".

M. Install 2' x 4' detectable warning surface (Std No. MD 655.40) as shown.

N. Remove existing overhead electrical service. (To be completed by BGE)

O. Install Metered pedestal Service.

P. Install 4" bend at wood pole base for proposed underground electrical service by BGE.

Q. Existing 2" conduit for service to be capped and abandoned.

R. Install 5' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
4. Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x 60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.
5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necesary a design waiver is obtained.
6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".
7. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
8. Pushbutton arrows are to be parallel to the crossing for which they are intended.
9. The contractor shall remove all unused wiring.

TOD NO: XX439-29
SHA NO: PG995B5E
MD 198 @ Laurel Plaza Drive

GEOMETRIC LEGEND	
PROPOSED	———
EXISTING	— — —

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

REVISION "D"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.,N.W.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS
D 3-4-13 SHA NO.XX4395185 ADD APS/CPS ON NORTH & SOUTH LEGS, LIGHTING & METER PEDESTAL TIMS:L125
RRZ (initials)
C 4-12-10 SHA NO.XX3545168R ADD CPS/APS ACROSS EAST LEG & SIG HEADS IN MD 198 MED TIMS:K369
JWA
B 2-24-10 ADDING WB E/P PHASE
JWA

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 198 (FT MEADE RD) AND LAUREL PLAZA

(LAUREL, MD)

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE AUGUST 11,1986 CONTRACT NO. P-897-459-358

DESIGNED BY	J.RICE	COUNTY	PRINCE GEORGE'S
DRAWN BY	GREENHORN & O'MARA, INC.	LOGMILE	16019804.12
CHECKED BY	J.KLIMOVITCH	TIMS NO.	
F.A.P. NO.		TOD NO.	

TS NO. 2192D DRAWING NO. 1 OF 2 SHEET NO. OF

DRILL HOLES
DRILL HOLES
DRILL HOLES
BORDER REV: DATE: June 1, 2004
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